

Work Order ID 51845-1

September 4, 2009 10:25:23 AM



Page 1

Item ID: D3885-1

Accept



Setup Start



Revision ID: B

Item Name: Standard Web

Stop



Start Date: 09/08/2009 Start Qty: 200



Cust Item ID:

Required Date: 09/25/2009 Req'd Qty: 200

Customer:

Reference:

Approvals: Process Plan: MF

Date: 09-09-04

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3885

B

100



Purchasing

0.00

Memo

0.00

Purchasing

Issue P/O: 10352

Machine as per Dwg D3885

Conformity sheet required

CZ 09/09/04 2

110



Packaging

Receive & Inspect for Damage & Mat'l Certs

0.00

Memo

0.00

Packaging

09/10/10

120



QC

QC6- Inspect dimensions to drawing

0.00

Memo

0.00

Quality Control

09/10/20



f

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 51845

September 4, 2009 10:25:23 AM



Page 2

Item ID: D3885-1

Accept



Setup Start



Revision ID: B

Stop



Item Name: Standard Web

Start Date: 09/08/2009 Start Qty: 2.00



Cust Item ID:

Required Date: 09/25/2009 Req'd Qty: 2.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130



HandFinish

Hand Finishing

Chemical Conversion Coat per QSI005 4.1

0.00

Memo

0.00

SAN 09-10-22

①

140



QC

Quality Control

QC3- Inspect Part Finish

0.00

Memo

0.00

DP 9-10-22

①

150



Packaging

Packaging

Identify as per dwg & Stock Location: 4/G

0.00

Memo

0.00

SAN 09-10-22

①

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 51845

September 4, 2009 10:25:23 AM



Page 3

Item ID: D3885-1

Revision ID: B

Item Name: Standard Web

Start Date: 09/08/2009 Start Qty: 2.00

Required Date: 09/25/2009 Req'd Qty: 2.00

Reference:

Accept



Setup Start



Stop



Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

09/10/23 *[Signature]*
MF
09-10-23

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

September 4, 2009 10:25:22 AM

Page 1

Work Order ID: 51845



Parent Item: D3885-1RevB



Parent Item Name: Standard Web



Start Date: 09/08/2009

Required Date: 09/25/2009

Comments:

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3882-1-130RevA  Extrusion "I" Beam		Manufactured	No			100	Each	0.0000	2.0000 			

mf 09-10-23

B47408
09/09/04

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

List Lots

October 22, 2009 1:56:44 PM

Page 1 of 1

Criteria: Item ID: D3882-1-130RevA All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Type Code	Comments
D3882-1-130RevA Extrusion "I" Beam	Main Warehouse ST	51826	10/22/09	51.0000		QC21	
			Total:	51.0000			

D3885-1 STANDARD WEB

D3885-3 FLOAT WEB

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 51845

mf
09-09-04

RELEASED
9/10/04

B	ADD 0.32 (ZN D7-3, D5-3, D7-5, D5-5); ADD 0.24 (ZN B2-3, B3-5); ADD R2.0 TYP (ZN C6-2 & C6-4)	RF	09.06.30
A	NEW ISSUE	RF	09.03.30
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	D3885	SHEET 1 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	WEB	NTS
DATE	09.06.30	COPYRIGHT © 2005 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PROPRIETARY AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED OR IN ANY MANNER WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

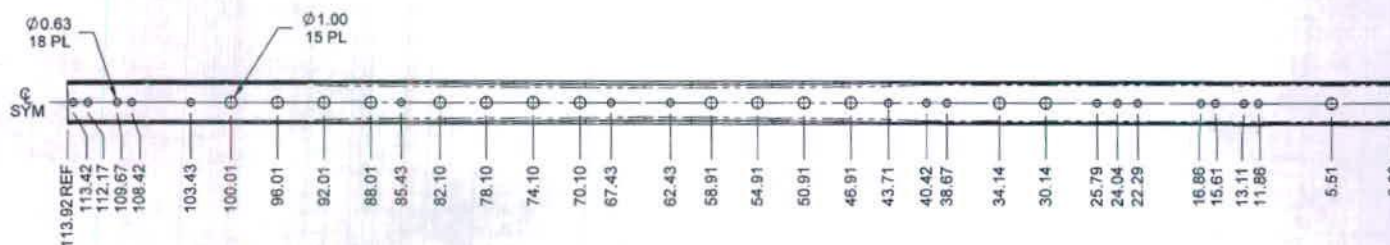
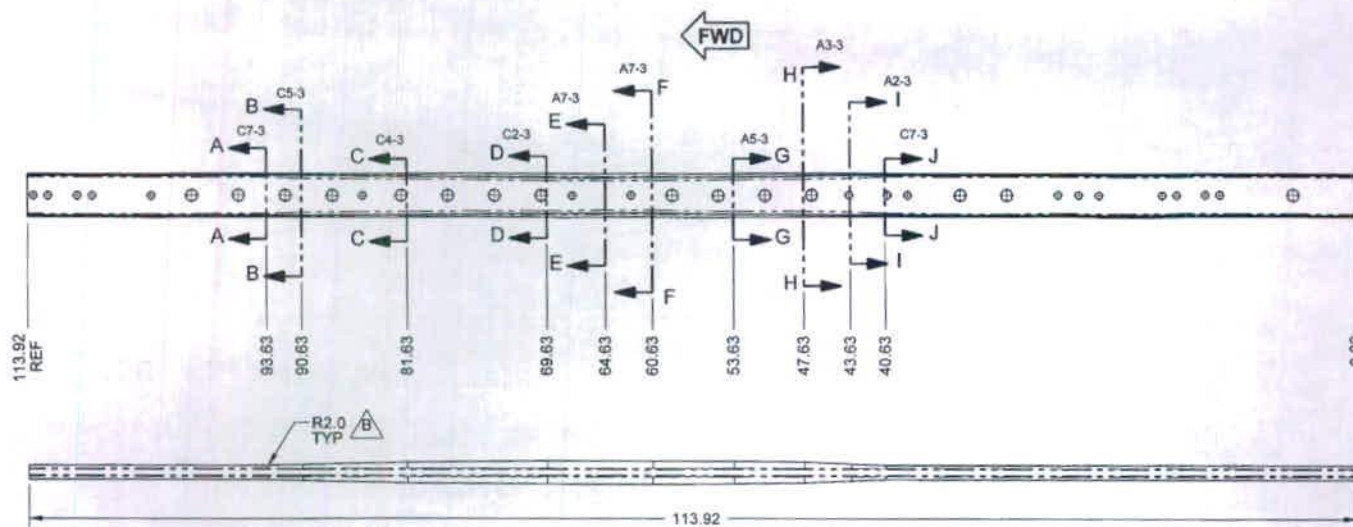
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



D3885-1 STANDARD WEB

RELEASED
09/07/15

D3885-1 NOTES:

- 1) MATERIAL: MAKE FROM D3882-1-130 EXTRUSION
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3885-1" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 8.51 lbs

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	RF	PORT HADLOCK, WA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3885	SHEET 2 OF 5
APPROVED		TITLE	SCALE
DE APPR.		WEB	NTS
DATE	09.06.30	COPYRIGHT © 2009 BY DART AEROSPACE USA, INC.	

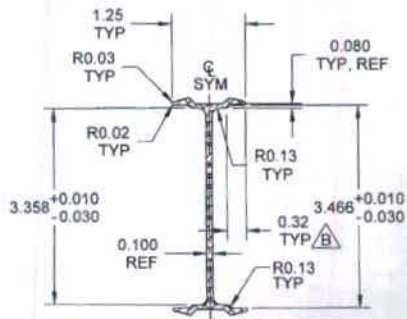
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

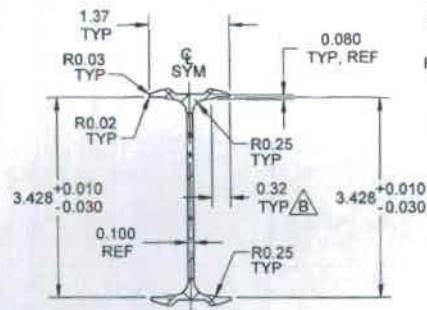
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

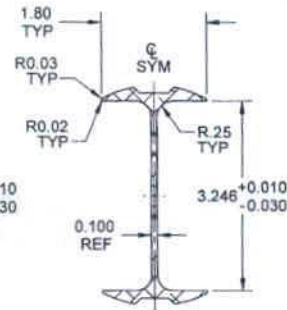
NOTE: Date & initial all entries



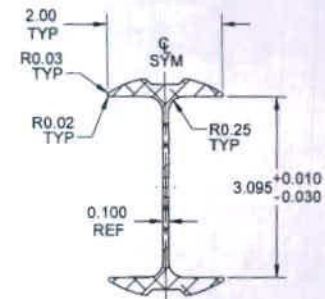
**SECTION A-A
& SECTION J-J** D6-2
D4-2
SCALE 5X



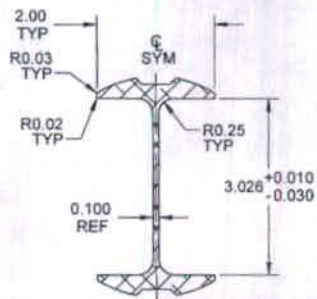
SECTION B-B D6-2
SCALE 5X



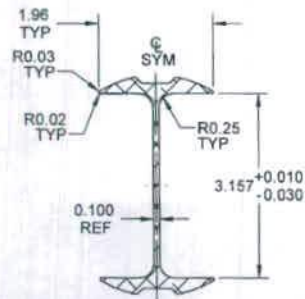
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SCALE 5X



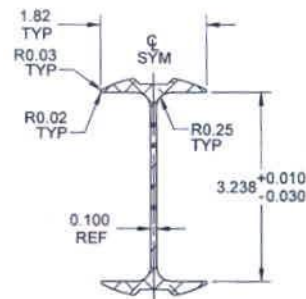
SECTION D-D D6-2
SCALE 5X



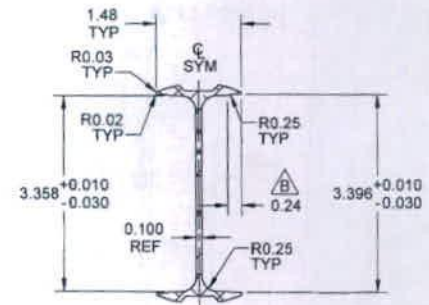
**SECTION E-E
& SECTION F-F** D6-2
SCALE 5X



SECTION G-G D4-2
SCALE 5X



SECTION H-H D4-2
SCALE 5X



SECTION I-I D4-2
SCALE 5X

D3885-1 STANDARD WEB SECTION VIEWS

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	RF	PORT HADLOCK, WA	
CHECKED	RF	DRAWING NO.	REV. B
MFG. APPR.		D3885	SHEET 3 OF 5
APPROVED		TITLE	SCALE
DE APPR.		WEB	NTS
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RELEASED
6/27/15

51845

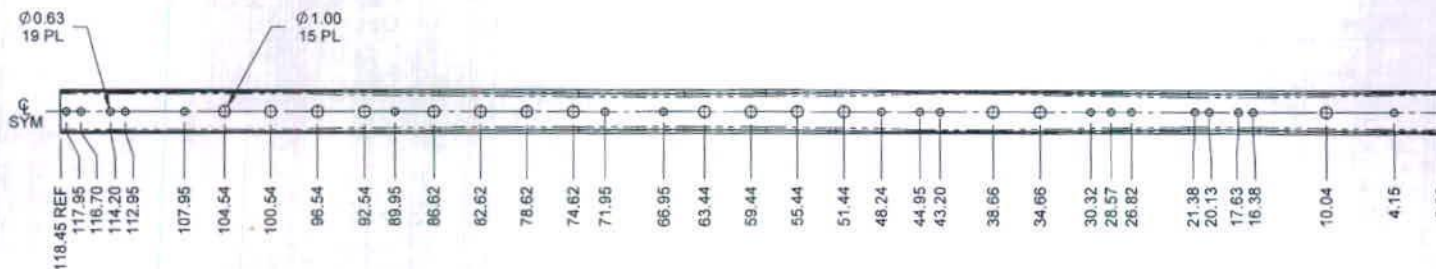
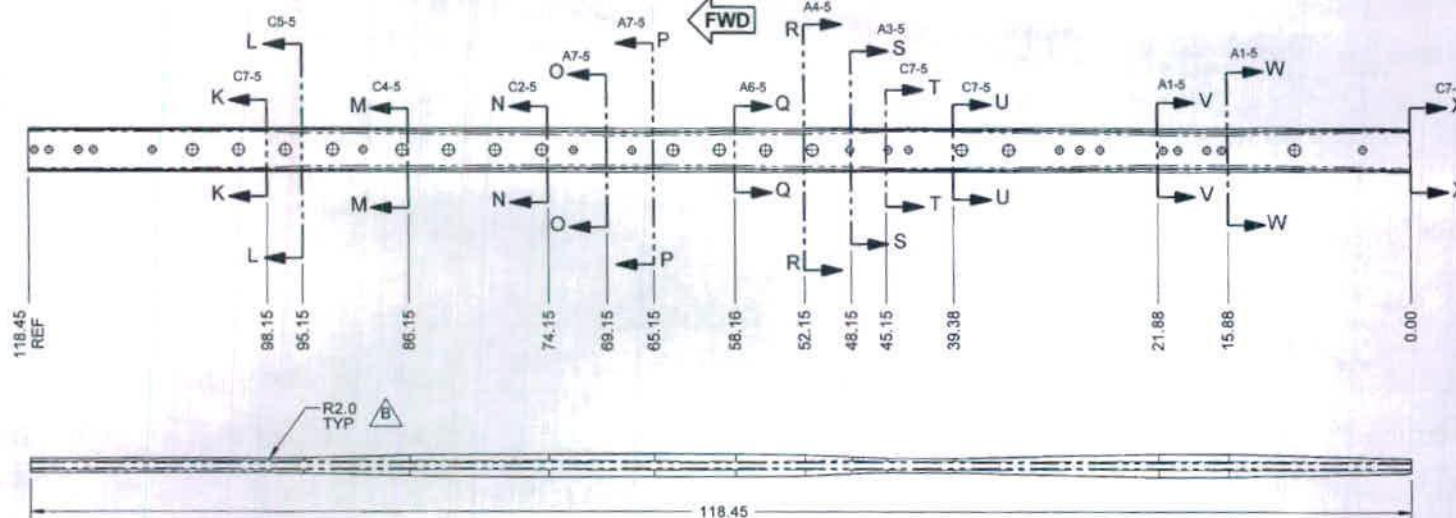
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



D3885-3 FLOAT WEB

D3885-3 NOTES:

- 1) MATERIAL: MAKE FROM D3882-1-130 EXTRUSION
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3885-3" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 10.14 lbs

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	RF	PORT HADLOCK, MA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3885	SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		WEB	NTS
DATE	09.06.30	COPYRIGHT © 2009 BY DART AEROSPACE USA, INC.	

RELEASED
6/15/15

51845

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

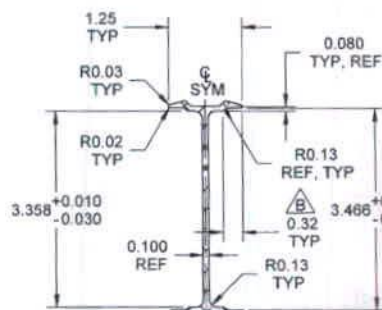
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

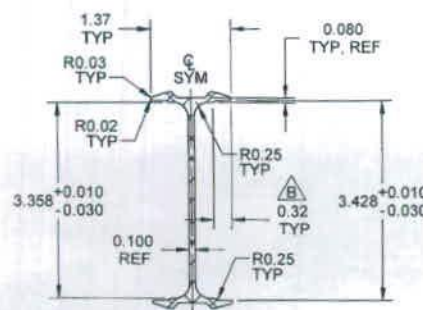
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

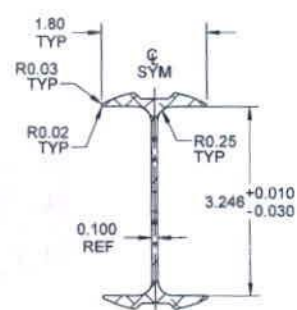
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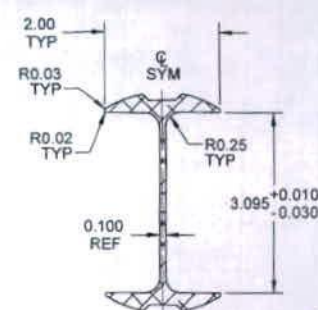
**SECTION K-K
& SECTION T-T
& SECTION U-U
& SECTION X-X**
SCALE 5X
D7-4
D4-4
D3-4
D1-4



SECTION L-L D6-4
SCALE 5X



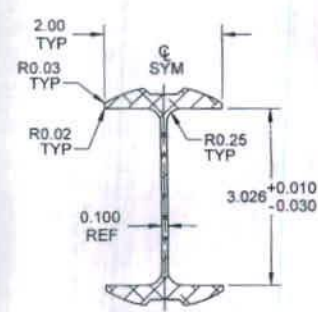
SECTION M-M D6-4
SCALE 5X



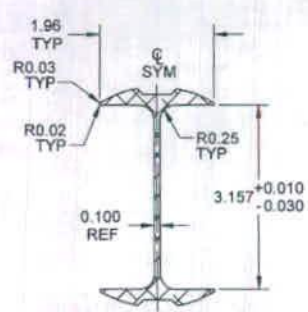
SECTION N-N D5-4
SCALE 5X

51845

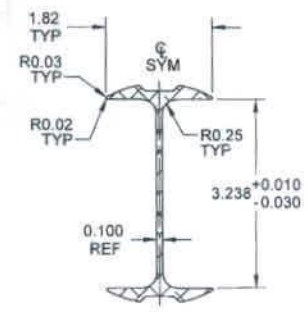
RELEASED
9/6/15



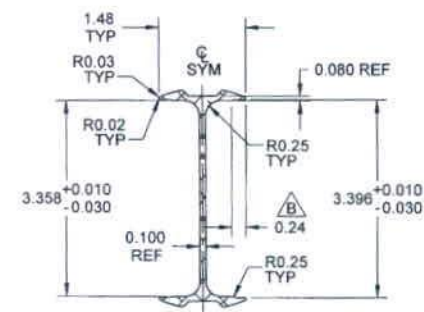
**SECTION O-O
& SECTION P-P** D5-4
SCALE 5X



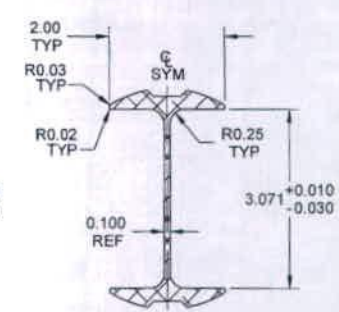
SECTION Q-Q D4-4
SCALE 5X



SECTION R-R D4-4
SCALE 5X



SECTION S-S D4-4
SCALE 5X



**SECTION V-V
& SECTION W-W** D3-4
D2-4
SCALE 5X

D3885-3 FLOAT WEB SECTION VIEWS

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	RF	PORT HADLOCK, VA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3885	SHEET 5 OF 5
APPROVED		TITLE	SCALE
DE APPR.		WEB	NTS
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8 7 6 5 4 3 2 1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



GEORGE A WRIGHT & SON LTD.
146 HICKSON AVENUE
P.O. BOX 63
KINGSTON, ON K7L 4V6
CDN
Ph: 613-542-4913
Fax: 613-542-1345

Pack List

Number: 43239

Date: 15-Oct-09

To

DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7
CANADA

Ship To

DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7
CANADA

Ph: (613) 632-5200

Fax: (613) 632-5246

Ph: (613) 632-5200

Fax: (613) 632-5246

Terms		Ship Via	
		FEDEX Freight	
Quantity	Description		
1 ea	Part: D38851P WEB STD Job: 76327	Rev: B	Line: 01
THANK YOU FOR YOUR ORDER.			

802102

COPY



CERTIFICATE OF COMPLIANCE

George A. Wright & Son

DATE : OCT. 13, 2009		C.OF C # 1581	
CUSTOMER: DART AEROSPACE LTD.		PO # PO10352 ITEM # 1	
DESCRIPTION: STANDARD WEB		QTY: 1	
DRAWING : D3885-1	REV. B SUB.	JOB# 76327	
MATERIAL : SUPPLIED BY CUSTOMER	SUB-CONTRACT 1) 2)		
QUANTITY ACCEPTED: ONE	SUPPLIER: 1) 2)		
QUANTITY REJECTED: NIL			

THE ITEM(S) LISTED ABOVE HAVE BEEN MANUFACTURED IN ACCORDANCE WITH YOUR DRAWINGS, SPECIFICATIONS, AND PURCHASE ORDER

SPECIAL INSTRUCTIONS / COMMENTS:

1) THIS C.O.C. IS FOR QTY. 1 PC. ITEM # 1 ON THIS P.O.

S. 02/10/20

John R. Hunt

JOHN HUNT
QUALITY CONTROL INSPECTOR

GEORGE A. WRIGHT
AND SON LTD.

Pt No *D3885-1*
Rev *B*
Pt No *STANDARD*
WEB
Qty *1*
P.O. No *10352-1*
Job No *76327*
Date *OCT 13/09*
INSP.

GAW
2
ACCEPTED

